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Amendments to the Claims

1. (CURRENTLY AMENDED) An integrated circuit arrangement (200) comprising:
 - a plurality of integrated circuit modules ~~(220a, 220b)~~;
 - a first power line ~~(202)~~;
 - a second power line ~~(204)~~;
 - a reference power line ~~(206)~~;
 - an integrated circuit module ~~(220a)~~ from the plurality of circuit modules ~~(220a, 220b)~~ comprising:
 - an internal power line ~~(222a)~~; and
 - a circuit module portion coupled between the first power line ~~(202)~~ and the internal power line ~~(222a)~~;
 - the integrated circuit arrangement ~~(200)~~ further comprising a voltage generator ~~(240a; 342a, 344a)~~ coupled between the first power line ~~(202)~~ and the second power line ~~(204)~~, the voltage generator ~~(240a; 342a, 344a)~~ having a control terminal coupled to the reference power line ~~(206)~~ and an output coupled to the internal power line ~~(222a)~~.
2. (CURRENTLY AMENDED) An integrated circuit arrangement ~~(200)~~ as claimed in claim 1, wherein the integrated circuit module ~~(222a)~~ from the plurality of integrated circuit modules ~~(222a, 222b)~~ further comprises a second circuit module portion coupled between the first power line ~~(202)~~ and the second power line ~~(204)~~.
3. (CURRENTLY AMENDED) An integrated circuit arrangement ~~(200)~~ as claimed in claim 1, wherein the voltage generator comprises an operational amplifier ~~(240a)~~ having a non-inverting input comprising the control terminal and an inverting input coupled to the internal power line ~~(222a)~~.
4. (CURRENTLY AMENDED) An integrated circuit arrangement ~~(200)~~ as claimed in claim 1, wherein the voltage generator comprises:
 - a current source ~~(342a)~~ coupled between the first power line ~~(202)~~ and the internal power line ~~(222a)~~; and

a transistor ~~(344a)~~ coupled between the internal power line ~~(222a)~~ and the second power line ~~(204)~~, the transistor having a gate comprising the control terminal.

5. (CURRENTLY AMENDED) An integrated circuit ~~(400)~~, comprising:
a first power line connector ~~(402)~~;
a second power line connector ~~(404)~~;
a reference power line connector ~~(406)~~;
an internal power line ~~(422)~~;
a circuit portion ~~(420)~~ coupled between the first power line connector ~~(402)~~ and the internal power line ~~(422)~~; and
a voltage generator ~~(440)~~ coupled between the first power line connector ~~(402)~~ and the second power line connector ~~(404)~~, the voltage generator having a control terminal coupled to the reference power line connector ~~(406)~~ and an output coupled to the internal power line ~~(422)~~.

6. (CURRENTLY AMENDED) A matrix array device ~~(500)~~ comprising:
a first set of conductors ~~(520a-d)~~;
a second set of conductors ~~(540a-d)~~, the conductors from the second set of conductors ~~(540a-d)~~ being substantially perpendicularly oriented to the conductors from the first set of conductors ~~(520a-d)~~;
a plurality of matrix elements ~~(560)~~, each matrix element ~~(560)~~ from the plurality of matrix elements being coupled between a conductor from the first set of conductors ~~(520a-d)~~ and a conductor from the second set of conductors ~~(540a-d)~~;
and
a first integrated circuit arrangement ~~(200)~~ comprising:
a plurality of integrated circuit modules ~~(220a-d)~~;
a first power line;
a second power line;
a reference power line;
an integrated circuit module from the plurality of circuit modules ~~(220a-d)~~ comprising:
an internal power line; and

a circuit module portion coupled between the first power line and the internal power line, the circuit portion having an output coupled to a conductor from the first set of conductors ~~(520a-d)~~;

the first integrated circuit arrangement further comprising a voltage generator coupled between the first power line and the second power line, the voltage generator having a control terminal coupled to the reference power line and an output coupled to the internal power line.

7. (CURRENTLY AMENDED) A matrix array device ~~(600)~~ as claimed in claim 6, further comprising a second integrated circuit arrangement ~~(1200)~~, the second integrated circuit arrangement ~~(1200)~~ comprising:

a plurality of integrated circuit modules ~~(1200a-d)~~;

a first power line;

a second power line;

a reference power line;

an integrated circuit module from the plurality of circuit modules ~~(1200a-d)~~ comprising:

an internal power line; and

a circuit portion coupled between the first power line and the internal power line, the circuit portion having an output coupled to a conductor from the second set of conductors ~~(540a-d)~~;

the second integrated circuit arrangement ~~(1200)~~ further comprising a voltage generator coupled between the first power line and the second power line, the voltage generator having a control terminal coupled to the reference power line and an output coupled to the internal power line.

8. (CURRENTLY AMENDED) A matrix array device ~~(500)~~ as claimed in claim 6, wherein the matrix array device ~~(500)~~ is a display device.

9. (CURRENTLY AMENDED) An electronic device ~~(600)~~ comprising the integrated circuit arrangement ~~(200)~~ of claim 1 and having power supply means ~~(620, 622)~~ coupled to the first power line ~~(202)~~, the second power line ~~(204)~~ and the

reference power line ~~(206)~~ of the integrated circuit arrangement ~~(200)~~.

10. (CURRENTLY AMENDED) An electronic device ~~(600)~~ as claimed in claim 9, the electronic device ~~(600)~~ further comprising a matrix array device ~~(640)~~, the matrix array device comprising:

- a first set of conductors;

- a second set of conductors, the conductors from the second set of conductors being substantially perpendicularly oriented to the conductors from the first set of conductors,

- a plurality of matrix elements, each matrix element from the plurality of matrix elements being coupled between a conductor from the first set of conductors and a conductor from the second set of conductors, at least one of the conductors from the first set of conductors or the second set of conductors being coupled to an integrated circuit module from the plurality of integrated circuit modules.